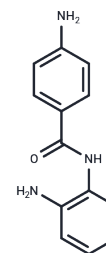


Dinaline

Chemical Properties

CAS No. :	58338-59-3
Formula:	C ₁₃ H ₁₃ N ₃ O
Molecular Weight:	227.26
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dinaline (GOE 1734; PD 104 208; NSC 328786) is an effective, orally active anticancer agent. It exhibits cytotoxic and antitumor properties and holds potential for colorectal cancer research.
Targets(IC50)	DNA/RNA Synthesis
In vitro	Dinaline exhibits cytotoxicity against SW707 and SW948 cells at concentrations ranging from 0.47 to 15 µg/mL over 48 and 27 hours, respectively.
In vivo	Dinaline (5.9, 7.7, 10 mg/kg; p.o.; 5 days per week for 10 weeks) has been shown to inhibit tumor growth in rats.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4002 mL	22.0012 mL	44.0025 mL
5 mM	0.880 mL	4.4002 mL	8.8005 mL
10 mM	0.440 mL	2.2001 mL	4.4002 mL
50 mM	0.088 mL	0.440 mL	0.880 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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